

#17



1600

*5) Bodmansky*  
**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/09/402,093B

DATE: 06/17/2002  
 TIME: 17:49:38

Input Set : A:\001560-373.ST25.txt  
 Output Set: N:\CRF3\06172002\I402093B.raw

P.6  
**ENTERED**

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4 <110> APPLICANT: Ohsuye, Kazuhiro
5     Yabuta, Masayuki
6     Suzuki, Yuji
8 <120> TITLE OF INVENTION: Process for Producing Peptides Using a Helper Peptide
10 <130> FILE REFERENCE: 001560-373
12 <140> CURRENT APPLICATION NUMBER: US 09/402,093B
13 <141> CURRENT FILING DATE: 1999-09-29
15 <150> PRIOR APPLICATION NUMBER: PCT/JP99/00406
16 <151> PRIOR FILING DATE: 1999-01-29
18 <150> PRIOR APPLICATION NUMBER: JP 10-32272
19 <151> PRIOR FILING DATE: 1998-01-30
21 <160> NUMBER OF SEQ ID NOS: 25
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 4
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Amino acid sequence adjacent to a site cleaved by
32     enterokinase
34 <400> SEQUENCE: 1
35 Asp Asp Asp Lys
36 1
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 4
41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Amino acid sequence adjacent to a site cleaved by
46     blood coagulation Factor Xa
48 <400> SEQUENCE: 2
49 Ile Glu Gly Arg
50 1
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 7
55 <212> TYPE: PRT
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Amino acid sequence containing a site cleaved by
60     renin
62 <400> SEQUENCE: 3
63 Pro Phe His Leu Leu Val Tyr
64 1

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67 <210> SEQ ID NO: 4  
68 <211> LENGTH: 6  
69 <212> TYPE: PRT  
70 <213> ORGANISM: Artificial Sequence  
72 <220> FEATURE:  
73 <223> OTHER INFORMATION: Amino acid sequence of helper peptide  
75 <400> SEQUENCE: 4  
76 Val Asp Asp Asp Asp Lys  
77 1 5  
80 <210> SEQ ID NO: 5  
81 <211> LENGTH: 6  
82 <212> TYPE: PRT  
83 <213> ORGANISM: Artificial Sequence  
85 <220> FEATURE:  
86 <223> OTHER INFORMATION: Amino acid sequence of helper peptide  
88 <400> SEQUENCE: 5  
89 Gly Cys His His His His  
90 1 5  
93 <210> SEQ ID NO: 6  
94 <211> LENGTH: 10  
95 <212> TYPE: PRT  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: Amino acid sequence containing a chemically  
100 cleaved site  
102 <400> SEQUENCE: 6  
103 Pro Gly Gly Arg Pro Ser Arg His Lys Arg  
104 1 5 10  
107 <210> SEQ ID NO: 7  
108 <211> LENGTH: 10  
109 <212> TYPE: PRT  
110 <213> ORGANISM: Artificial Sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: Amino acid sequence of helper peptide  
115 <400> SEQUENCE: 7  
116 His Arg His Lys Arg Ser His His His His  
117 1 5 10  
120 <210> SEQ ID NO: 8  
121 <211> LENGTH: 5  
122 <212> TYPE: PRT  
123 <213> ORGANISM: Artificial Sequence  
125 <220> FEATURE:  
126 <223> OTHER INFORMATION: Amino acid sequence containing a site cleaved by  
127 Kex2 Protease  
129 <400> SEQUENCE: 8  
130 Ser Asp His Lys Arg  
131 1 5  
134 <210> SEQ ID NO: 9  
135 <211> LENGTH: 23

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136 <212> TYPE: PRT  
137 <213> ORGANISM: Artificial Sequence  
139 <220> FEATURE:  
140 <223> OTHER INFORMATION: Amino acid sequence containing a position cleaved  
141 by OmpT  
143 <400> SEQUENCE: 9  
144 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His  
145 1 5 10 15  
146 Arg Trp Gly Arg Ser Gly Ser  
147 20  
150 <210> SEQ ID NO: 10  
151 <211> LENGTH: 20  
152 <212> TYPE: PRT  
153 <213> ORGANISM: Artificial Sequence  
155 <220> FEATURE:  
156 <223> OTHER INFORMATION: Amino acid sequence containing a position cleaved  
157 by OmpT  
159 <400> SEQUENCE: 10  
160 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His  
161 1 5 10 15  
162 Gly Ser Gly Ser  
163 20  
166 <210> SEQ ID NO: 11  
167 <211> LENGTH: 69  
168 <212> TYPE: DNA  
169 <213> ORGANISM: Artificial Sequence  
171 <220> FEATURE:  
172 <223> OTHER INFORMATION: Nucleotide sequence coding for an amino acid  
173 sequence containing a site cleaved by OmpT  
W--> 175 <221> NAME/KEY: CDS  
176 <222> LOCATION: (1)...(69)  
W--> 178 <400> 11  
179 cag atg cat ggt tat gac gcg gag ctc cg<sup>g</sup> ctg tat cgc cgt cat cac 48  
180 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His  
181 1 5 10 15  
183 cgg tgg ggt cgt tcc gga tcc 69  
184 Arg Trp Gly Arg Ser Gly Ser  
185 20  
188 <210> SEQ ID NO: 12  
189 <211> LENGTH: 23  
190 <212> TYPE: PRT  
191 <213> ORGANISM: Artificial Sequence  
193 <220> FEATURE:  
194 <223> OTHER INFORMATION: Amino acid sequence containing a site cleaved by  
195 OmpT  
197 <400> SEQUENCE: 12  
198 Gln Met His Gly Tyr Asp Ala Glu Leu Arg Leu Tyr Arg Arg His His  
199 1 5 10 15  
200 Arg Trp Gly Arg Ser Gly Ser

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201           20  
204 <210> SEQ ID NO: 13  
205 <211> LENGTH: 47  
206 <212> TYPE: DNA  
207 <213> ORGANISM: Artificial Sequence  
209 <220> FEATURE:  
210 <223> OTHER INFORMATION: Nucleotide sequence coding for an amino acid  
211        sequence containing a site cleaved by OmpT  
213 <400> SEQUENCE: 13  
214 tggttatgac gcgagctcc gcctgtatcg ccgtcatcac ggttccg           47  
216 <210> SEQ ID NO: 14  
217 <211> LENGTH: 55  
218 <212> TYPE: DNA  
219 <213> ORGANISM: Artificial Sequence  
221 <220> FEATURE:  
222 <223> OTHER INFORMATION: Nucleotide sequence coding for an amino acid  
223        sequence containing a site cleaved by OmpT  
225 <400> SEQUENCE: 14  
226 gatccggAAC cgtgatgacg gcgatacagg cgagctccg cgtcataacc atgca       55  
228 <210> SEQ ID NO: 15  
229 <211> LENGTH: 24  
230 <212> TYPE: DNA  
231 <213> ORGANISM: Artificial Sequence  
233 <220> FEATURE:  
234 <223> OTHER INFORMATION: Primer  
236 <400> SEQUENCE: 15  
237 gactcagatc ttccctgaggc cgat           24  
239 <210> SEQ ID NO: 16  
240 <211> LENGTH: 36  
241 <212> TYPE: DNA  
242 <213> ORGANISM: Artificial Sequence  
244 <220> FEATURE:  
245 <223> OTHER INFORMATION: Primer  
247 <400> SEQUENCE: 16  
248 aaaggtacct tccgcattgcc gcggatgtcg agaagg           36  
250 <210> SEQ ID NO: 17  
251 <211> LENGTH: 20  
252 <212> TYPE: DNA  
253 <213> ORGANISM: Artificial Sequence  
255 <220> FEATURE:  
256 <223> OTHER INFORMATION: Primer  
258 <400> SEQUENCE: 17  
259 aggccaggaa ccgtaaaaag           20  
261 <210> SEQ ID NO: 18  
262 <211> LENGTH: 29  
263 <212> TYPE: DNA  
264 <213> ORGANISM: Artificial Sequence  
266 <220> FEATURE:  
267 <223> OTHER INFORMATION: Primer

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 06/17/2002  
PATENT APPLICATION: US/09/402,093B                    TIME: 17:49:39

Input Set : A:\001560-373.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; Xaa Pos. 6



Creation date: 04-12-2004

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Team: OIPEBackFileIndexing

Dossier: 09402093

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No.	Doccode	Number of pages
1	CTFR	14
2	892	1
3	NPL	1
4	1449	1

Total number of pages: 17

Remarks:

Order of re-scan issued on .....